



Industrial Line

Sintesoil B1

Technical data sheet
n° 242 Rev. 15/05/2014

Synthetic cooling lubricant oil

Applications

Category:

- Cooling lubricant oils

Applications:

- Manufacturing which needs lubrication and cooling

Advantages:

- Synthetic
- Transparent solutions

Sintesoil B1 is a totally synthetic cooling lubricant oil soluble in water, nitrite-free and with a high anticorrosive power. The product can be used on iron and steel for processing such as grinding, turning, boring, threading, etc. Sintesoil B1 has an excellent cleaning power, thus avoiding the problem of "smudgy" abrasive wheels and guaranteeing an excellent cleaning of machine tools. Sintesoil B1 solutions are transparent and non-foaming, allowing the constant vision of the workpieces even in conditions of strong churning.

Sintesoil B1 can be used with mains water. If the hardness of the latter is particularly high (over 25 French degrees) it is advisable to increase the product dosage.

Method of Use

Before mixing the product, wash and disinfect the tank with Sanabas sanitizer.

Prepare the emulsion by adding the right amount of Sintesoil B1 to the mains water, mixing vigorously.

Control of the solution: using indicator strips or specific pocket pH-meters check the pH, which should not be less than 8.0. If necessary, add further Sintesoil B1 to bring it back to higher values.

Check the concentration through the refractometer, multiplying the value read on the instrument by the correction factor 2.9.

Avoid, as far as possible, to contaminate the emulsion with pollutants such as detergents, whole oils, etc.

Technical features – Recommended doses

Appearance:	Clear liquid
Colour:	Pale yellow
Density:	1.025 g/cm ³
Solubility:	complete
Foam:	none
pH at 4%:	9 – 9.2
(assure it does not go below 8.0)	
Refractometric Coeff.:	2.9
Nitrites:	none
Mineral oil:	none

PROCESS	% IN SOLUTION
BORING	5 – 10%
DRILLING	5 – 10%
TURNING	4 – 8%
GRINDING	5 – 8%
THREADING	8 – 10%
TAPPING	8 – 10%

Product for industrial/professional use. The manufacturer declines all responsibility for any damage caused by an improper use of the product.